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C L A I M S

1 - Polymer composition, characterized in that it comprises

- 1) a polymer (P1) comprising at least 50% by weight of monomeric units derived from an ethylenically unsaturated monomer (M1), and
- 5 2) at least one co-oligomer (O1) comprising at least:
 - a) a component (A) comprising at least one monomeric unit identical to that derived from the monomer (M1) on which the polymer (P1) is based, and
 - b) a component (B) comprising at least one monomeric unit (m2), derived from an ethylenically unsaturated monomer, carrying at least one group chosen from the following groups:
 - 10 - $-C_aH_{2a+1}$ with a between 6 and 30,
 - $-(CH_2)_b-C_cF_{2c+1}$ with b between 1 and 11 and c greater than or equal to 5,
 - $-(CH_2)_d-(Si(CH_3)_2-O)_e-Si(CH_3)_3$ with d between 1 and 11 and e between 1 and 1000,
 - $-COOH$,
 - $-SO_3H$, and
 - the phosphonate groups $-PO(OH)(OR_1)$ with R₁ being a hydrogen atom or an alkyl radical containing from 1 to 11 carbon atoms.
- 15 2 - Composition according to Claim 1, characterized in that the polymer (P1) is a halogenated polymer.
- 20 3 - Composition according to either one of Claims 1 and 2, characterized in that the polymer (P1) is a chlorinated polymer.
- 25 4 - Composition according to any one of Claims 1 to 3, characterized in that the polymer (P1) is a vinylidene chloride polymer.

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5 - Composition according to any one of Claims 1 to 4, characterized in that component (A) of the co-oligomer (O1) comprises at least one monomeric unit identical to that of vinylidene chloride.

6 - Polymer composition according to any one of Claims 1 to 5,
5 characterized in that component (B) of the co-oligomer (O1) comprises at least one monomeric unit (m2), derived from an ethylenically unsaturated monomer, carrying at least one group chosen from the following groups:

- $-(CH_2)_b-C_cF_{2c+1}$ with b between 1 and 11 and c greater than or equal to 5, and
- the phosphonate groups $-PO(OH)(OR_1)$ with R_1 being a hydrogen atom or an alkyl radical containing from 1 to 11 carbon atoms.

7 - Composition according to Claim 6, characterized in that component (B) of the co-oligomer (O1) comprises at least one monomeric unit (m2), derived from an ethylenically unsaturated monomer, carrying at least one group chosen from the groups $-(CH_2)_b-C_cF_{2c+1}$ with b between 1 and 11 and c greater than or equal to 5.
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8 - Composition according to Claim 6, characterized in that component (B) of the co-oligomer (O1) comprises at least one monomeric unit (m2), derived from an ethylenically unsaturated monomer, carrying at least one group chosen from the phosphonate groups $-PO(OH)(OR_1)$ with R_1 being a hydrogen atom or an alkyl radical containing from 1 to 11 carbon atoms.
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9 - Process for preparing a composition according to any one of Claims 1 to 8, characterized in that it comprises the mixing of the polymer (P1) and of the co-oligomer(s) (O1) in at least one solvent, the dispersion of the co-oligomer(s) (O1) in an aqueous dispersion of the polymer (P1), or the mixing of the polymer (P1) and of the co-oligomer(s) (O1) by premixing.
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10 - Use of a composition according to any one of Claims 1 to 8, for coating metal, polymer, paper or cellophane surfaces, for producing thin single-layer or multilayer films or for producing moulded objects.

11 - Process for coating metal, polymer, paper or cellophane surfaces by
30 means of the polymer composition according to any one of Claims 1 to 8, according to which the polymer composition is coated onto said surfaces,

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colaminated with said surfaces or coextruded with the material forming said surfaces.

12 - Articles or parts of articles prepared by means of the polymer composition according to any one of Claims 1 to 8.